

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075575.D
 Acq On : 05 Dec 2022 21:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 06 03:27:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	177573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	262754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43722	45.869	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.740%		
35) Dibromofluoromethane	8.171	113	55225	49.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.220%		
50) Toluene-d8	10.571	98	123801	48.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.853	95	97315	52.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	78762	58.006	ug/l	98
3) Chloromethane	2.371	50	90241	53.411	ug/l	98
4) Vinyl Chloride	2.524	62	117393	55.132	ug/l	96
5) Bromomethane	2.918	94	112934	60.313	ug/l	94
6) Chloroethane	3.101	64	85873	53.223	ug/l	92
7) Trichlorofluoromethane	3.495	101	159757	52.518	ug/l	98
8) Diethyl Ether	3.971	74	58755	55.109	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	90719	54.022	ug/l	92
10) Methyl Iodide	4.601	142	155093	56.995	ug/l	93
11) Tert butyl alcohol	5.536	59	75686	189.150	ug/l	96
12) 1,1-Dichloroethene	4.348	96	87812	53.400	ug/l	89
13) Acrolein	4.189	56	77491	222.302	ug/l	98
14) Allyl chloride	5.030	41	115918	54.497	ug/l	96
15) Acrylonitrile	5.730	53	215119	234.328	ug/l	97
16) Acetone	4.442	43	160715	180.763	ug/l	91
17) Carbon Disulfide	4.718	76	223769	52.361	ug/l	98
18) Methyl Acetate	5.036	43	112746	50.310	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	304033	52.192	ug/l	99
20) Methylene Chloride	5.283	84	101988	56.741	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	97935	52.258	ug/l	97
22) Diisopropyl ether	6.683	45	268656	55.347	ug/l	98
23) Vinyl Acetate	6.612	43	1023567m	265.059	ug/l	
24) 1,1-Dichloroethane	6.577	63	169555	54.420	ug/l	99
25) 2-Butanone	7.489	43	262132	211.178	ug/l	97
26) 2,2-Dichloropropane	7.500	77	130568	45.092	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	115863	54.676	ug/l	93
28) Bromochloromethane	7.818	49	63014	49.826	ug/l	86
29) Tetrahydrofuran	7.841	42	177816	235.508	ug/l	99
30) Chloroform	7.971	83	184821	51.656	ug/l	98
31) Cyclohexane	8.259	56	149497	49.365	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	170224	52.398	ug/l	97
36) 1,1-Dichloropropene	8.377	75	135826	55.386	ug/l	97
37) Ethyl Acetate	7.565	43	108829	49.285	ug/l	98
38) Carbon Tetrachloride	8.365	117	157234	58.366	ug/l	99
39) Methylcyclohexane	9.606	83	175179	57.076	ug/l	96
40) Benzene	8.612	78	416432	55.463	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	60043	53.186	ug/l	99
42) 1,2-Dichloroethane	8.677	62	138213	54.964	ug/l	97
43) Isopropyl Acetate	8.694	43	199540	56.298	ug/l	100
44) Trichloroethene	9.359	130	113247	55.122	ug/l	92
45) 1,2-Dichloropropane	9.624	63	98115	54.835	ug/l	100
46) Dibromomethane	9.712	93	75910	56.090	ug/l	90
47) Bromodichloromethane	9.888	83	149567	57.068	ug/l	98
48) Methyl methacrylate	9.683	41	85951	52.445	ug/l	97
49) 1,4-Dioxane	9.700	88	40036	860.301	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	577181	255.676	ug/l	98
52) Toluene	10.635	92	279118	57.688	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	153906	58.494	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	166077	58.116	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	108162	54.886	ug/l	96
56) Ethyl methacrylate	10.877	69	156220	58.700	ug/l	97
57) 1,3-Dichloropropane	11.165	76	176004	54.775	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	249946	260.409	ug/l	96
59) 2-Hexanone	11.200	43	425479	250.998	ug/l	97
60) Dibromochloromethane	11.365	129	125603	62.094	ug/l	98
61) 1,2-Dibromoethane	11.471	107	113551	55.515	ug/l	100
64) Tetrachloroethene	11.106	164	99272	49.474	ug/l	90
65) Chlorobenzene	11.894	112	306553	56.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	116056	57.305	ug/l	99
67) Ethyl Benzene	11.965	91	542590	58.610	ug/l	96
68) m/p-Xylenes	12.071	106	442957	117.826	ug/l	99
69) o-Xylene	12.400	106	217845	58.322	ug/l	97
70) Styrene	12.412	104	362223	61.473	ug/l	98
71) Bromoform	12.582	173	93074	60.384	ug/l #	99
73) Isopropylbenzene	12.700	105	568328	54.706	ug/l	98
74) N-amyl acetate	12.494	43	176649	55.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	159562	50.378	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	137969m	51.318	ug/l	
77) Bromobenzene	12.982	156	139519	54.399	ug/l	84
78) n-propylbenzene	13.041	91	652806	56.306	ug/l	100
79) 2-Chlorotoluene	13.129	91	382381	54.739	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	499489	57.871	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	45965	50.585	ug/l	97
82) 4-Chlorotoluene	13.129	91	382381	54.739	ug/l	97
83) tert-Butylbenzene	13.441	119	435403	55.328	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	495986	57.290	ug/l	98
85) sec-Butylbenzene	13.618	105	619759	58.042	ug/l	99
86) p-Isopropyltoluene	13.735	119	530597	59.062	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	267046	54.954	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	264854	53.655	ug/l	98
89) n-Butylbenzene	14.059	91	431661	56.890	ug/l	98
90) Hexachloroethane	14.335	117	91849	59.264	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	260461	54.987	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29575	49.294	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	140693	57.960	ug/l	97
94) Hexachlorobutadiene	15.506	225	71635	56.656	ug/l	99
95) Naphthalene	15.641	128	404570	52.978	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	131929	55.299	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

